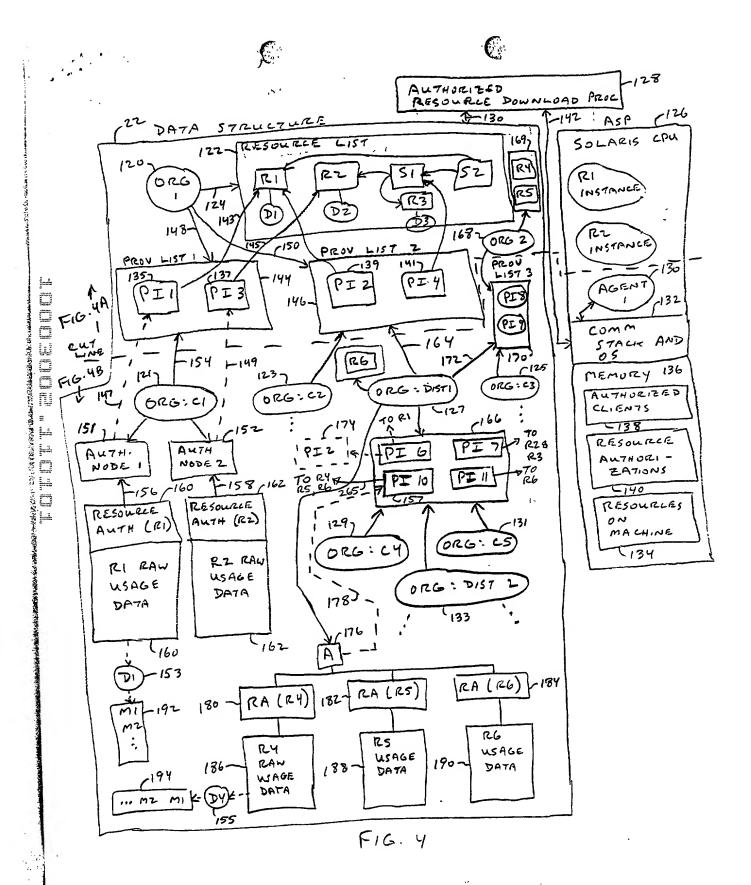


F16. 1

CLIENT 1	
PROG-INST "RI"	100
106 . START _ T, ME . DOL _ OPEN . DOC _ CLOSED : 10 PAGES . STOP _ TIME	(
. START _ TIME . DOC _ OPEN . DOC _ CLOSED: 30 PAGES . DWGS MADE: 3	, K
108 :	( T) MZ M3 HPAGES  CPU #DWGS #PAGES  TIME
CLIENT Z PROG - INST "RZ"	•
110	DISTILLATION  MY MS
112 - (:::	1 116 V STOCK  QUERIES STOCK QUOTES SERVICED TRANSMITTED
114- 1::	1

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F16.3



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#### OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING

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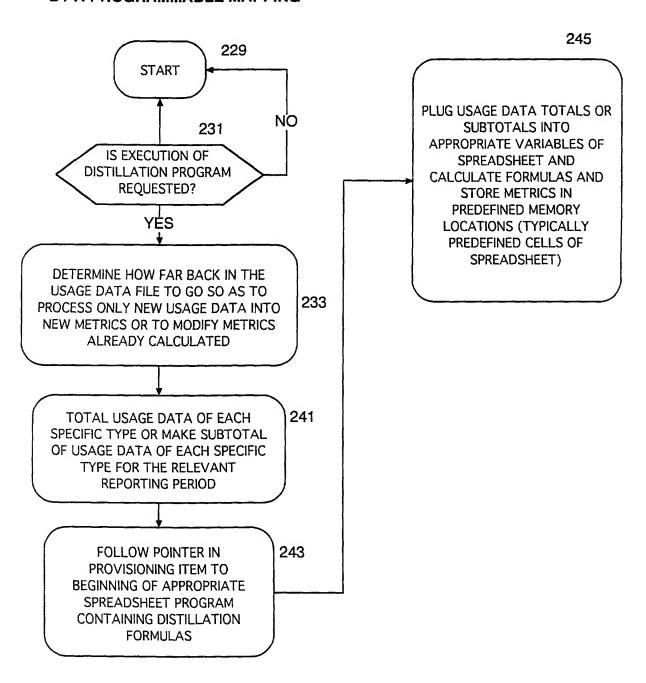


FIG. 6A

#### OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

(

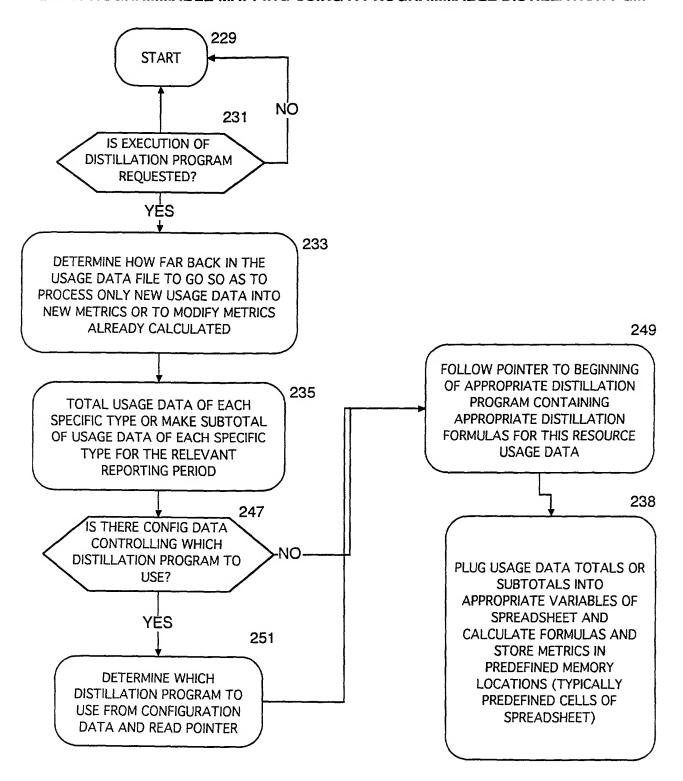
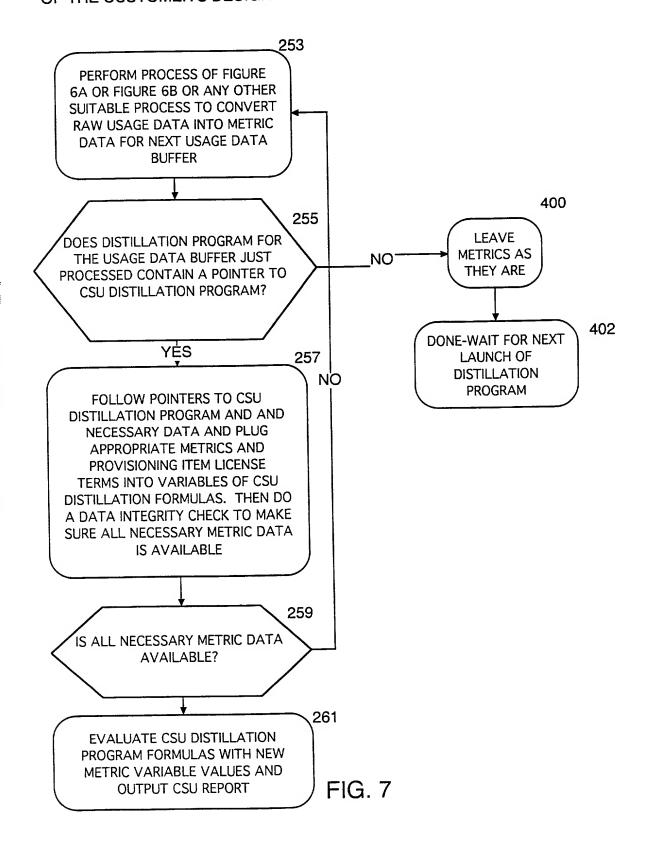


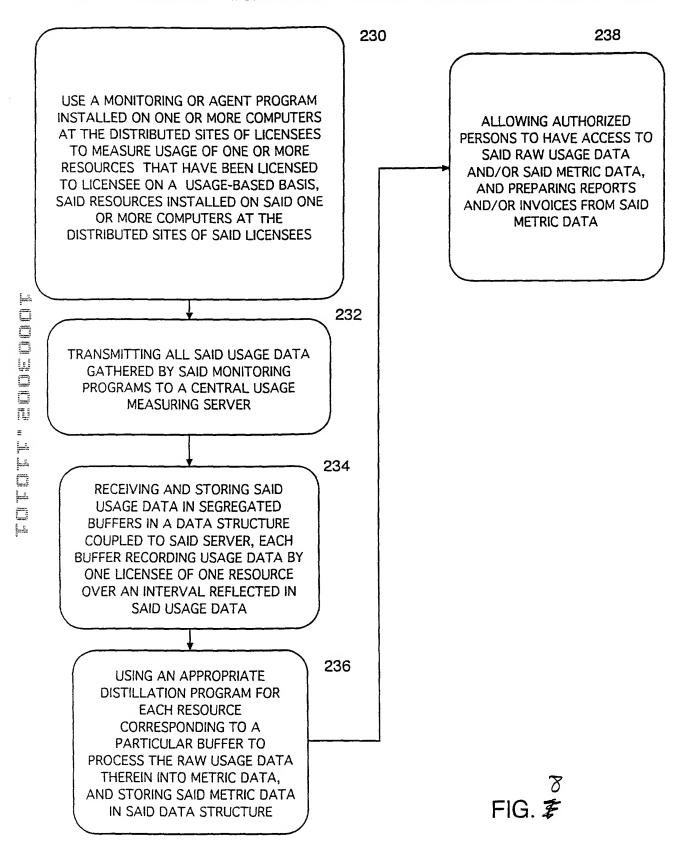
FIG. 6B

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS OF THE CUSTOMER'S DESIGN

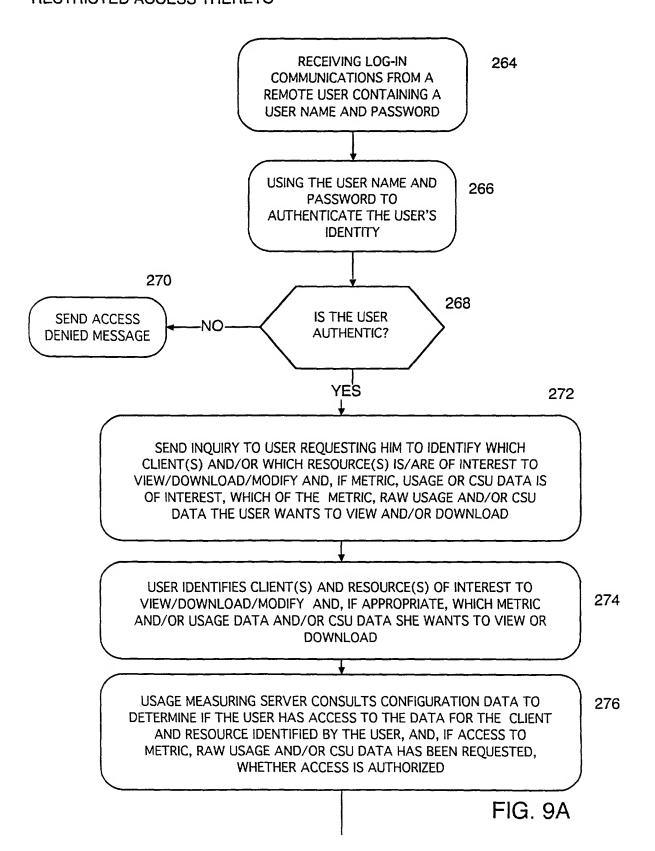


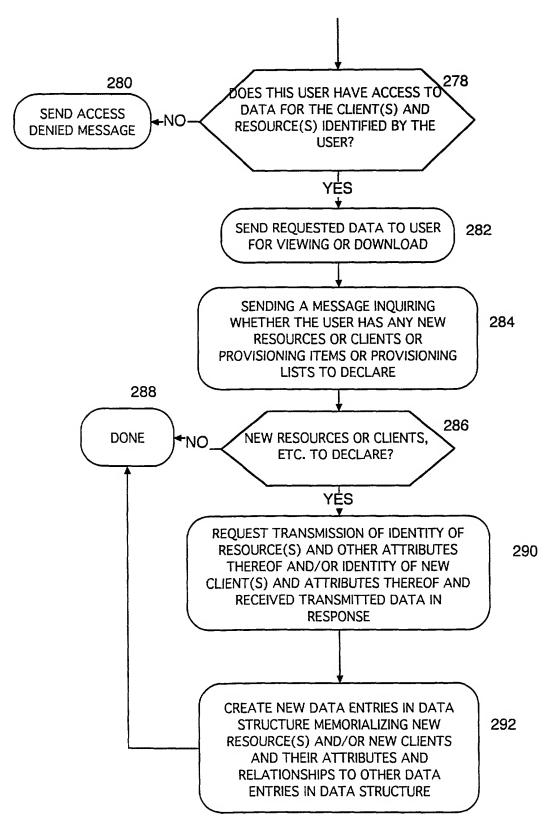
# OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER AND USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS THEREFROM

U



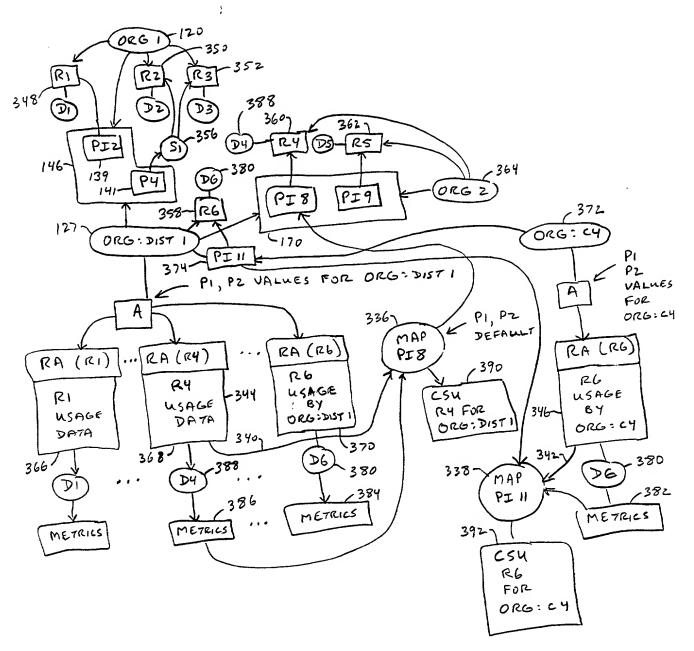
# PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND ALLOW RESTRICTED ACCESS THERETO





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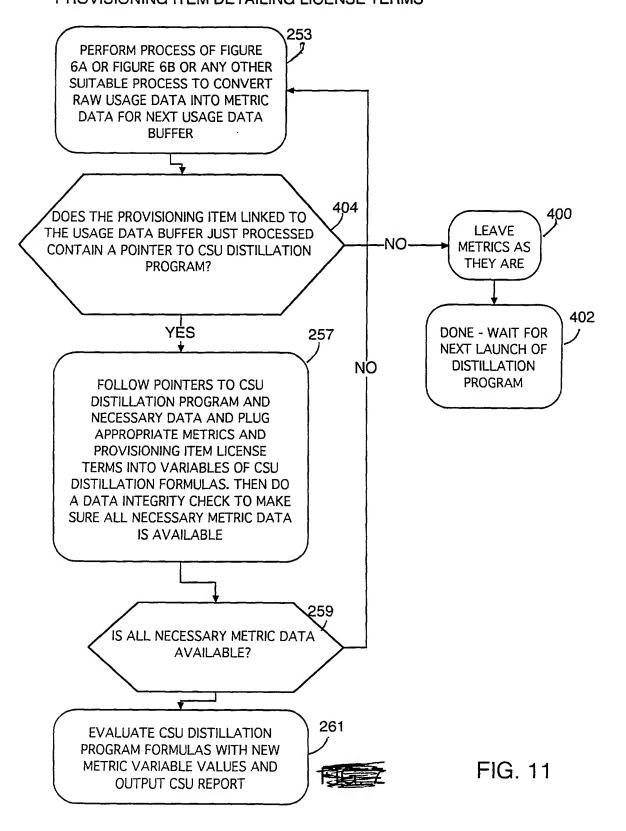
FIG. 9B



F16.10

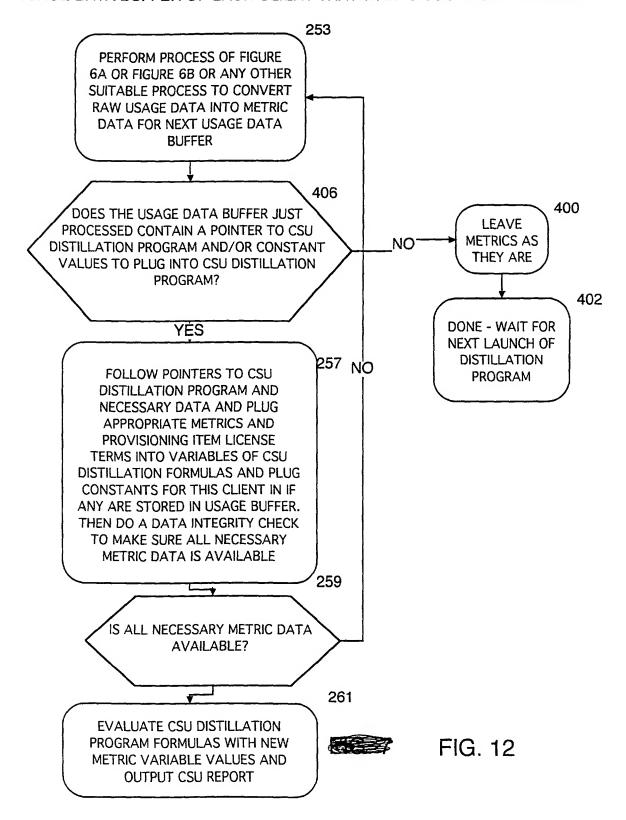
ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

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ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

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### PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

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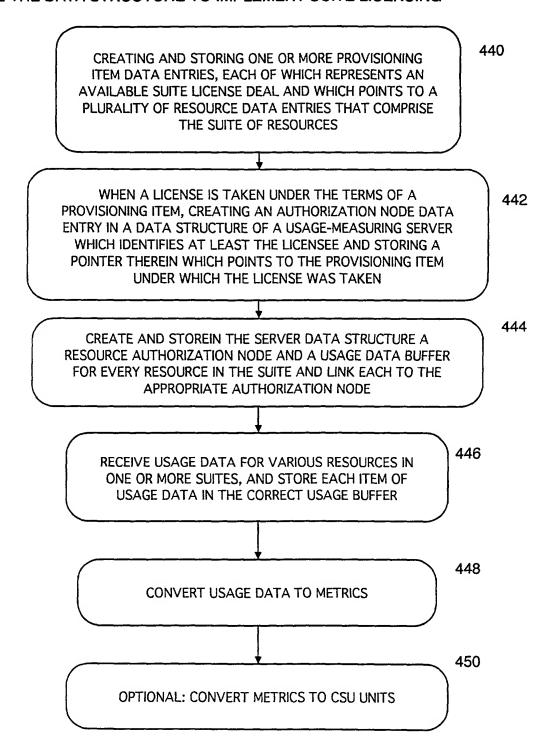


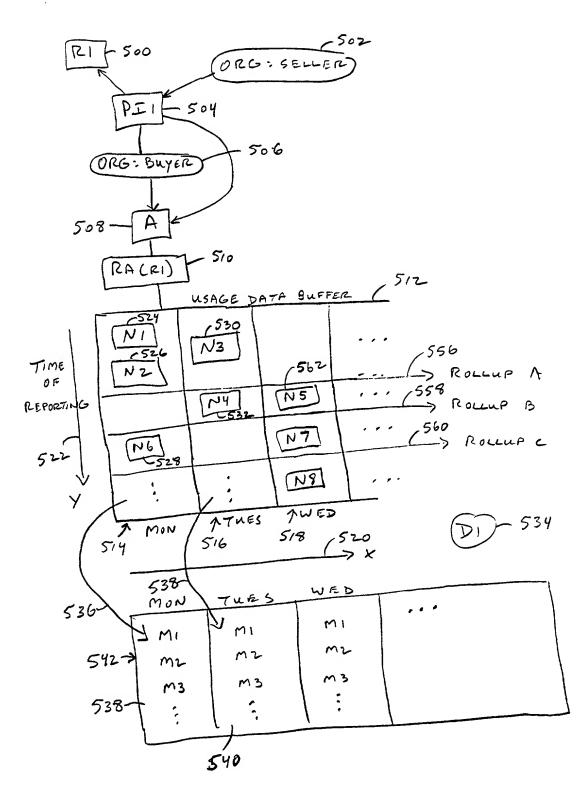
FIG. 13

#### ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS ON A PARTICULAR RESOURCE 480 470 CUSTOMER LOGS IN AND PROVIDES SERVER FOLLOWS POINTERS FROM SELECTED RESOURCE **AUTHENTICATION USER NAME AND PASSWORD** DATA ENTRY TO ALL PROVISIONING ITEMS THAT POINT TO SAID RESOURCE DATA ENTRY AND WHICH 472 RECORD AN AVAILABLE **USAGE MEASURING SERVER** LICENSE FROM A VENDOR OR **AUTHENTICATES USER AND** DISTRIBUTOR OF THAT TRANSMITS DATA TO USER **RESOURCE** PROVIDING A WEB INTERFACE WHICH ALLOWS USER TO SELECT A LINK OR ISSUE A COMMAND TO 482 SHOP ALL AVAILABLE DEALS SERVER ACCESSES LICENSING TERM DATA IN EACH PROVISIONING ITEM AND SENDS MESSAGE(S) TO **USAGE MEASURING SERVER** 474 CLIENT LISTING EACH TRANSMITS DATA TO DISPLAY A AVAILABLE LICENSE AND ITS LIST OF ALL RESOURCES AVAILABLE **TERMS** FOR LICENSING 484 476 USER PICKS A RESOURCE TO CLIENT SELECTS A LICENSE SHOP AND CLICKS ON IT OR AND SENDS A MESSAGE BACK OTHERWISE SENDS A MESSAGE TO INDICATE SELECTION 486 **OPTIONAL: SERVER RECEIVES** 478 SERVER RECEIVES MESSAGE **MESSAGE AND** SELECTING RESOURCE AND **AUTOMATICALLY ESTALISHES** ACCESSES DATA ENTRY FOR AN AUTHORIZATION NODE FOR SELECTED RESOURCE THAT CLIENT LINKED TO THE PROVISIONING ITEM FOR THE SELECTED LICENSE DEAL AND **AUTOMATICALLY CREATES A** RESOURCES AUTHORIZATION NODE AND USAGE DATA BUFFER FOR EACH RESOURCE LICENSED UNDER THE

**PROVISIONING ITEM486** 

FIG. 14

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## PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS AND GENERATE METRICS THEREFROM

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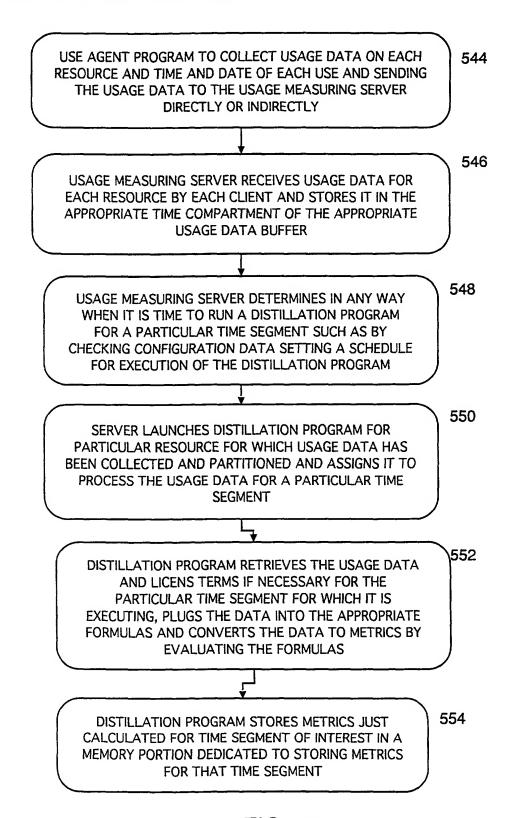


FIG. 16

•	MON	ROLLU TUES_	PA I WED	D 39
MI =	10	1	0	,
MZ= Docs	500	50	0	
M3= # P65	759	ור	0	. , .
# 10		,	1	

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	LOLLUP TUES	B ID 40 WED
0	3	2
0	70	40
	139	96
		_

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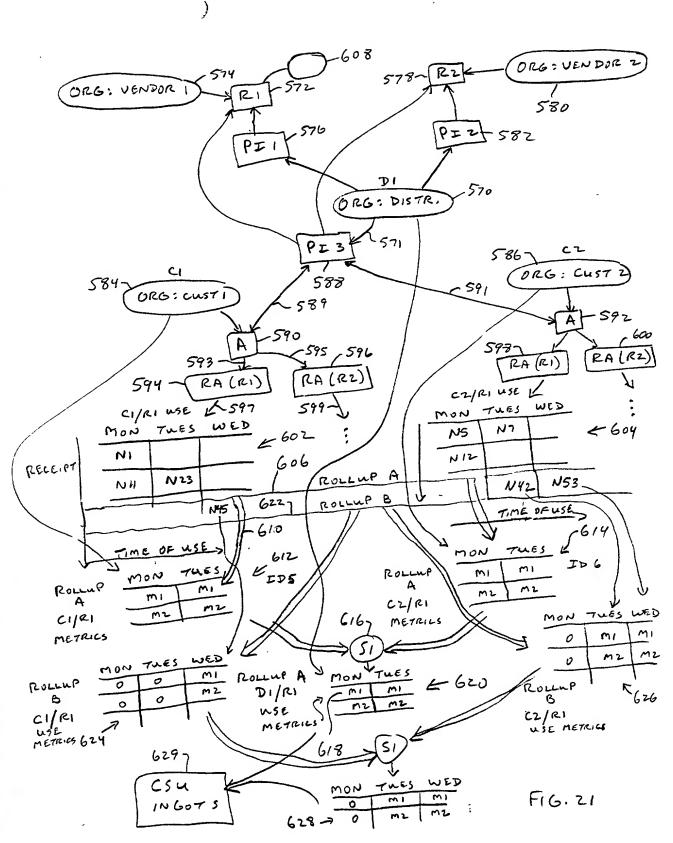
PREFERED	ROLLUP	ß	ID 50

MON	TUES	WED	
10	4	2	
500	120	40	
759	210	96	

FIG. 19

ALTE ROL MON	ID 40	
b	4	2
0	120	40
0	210	96

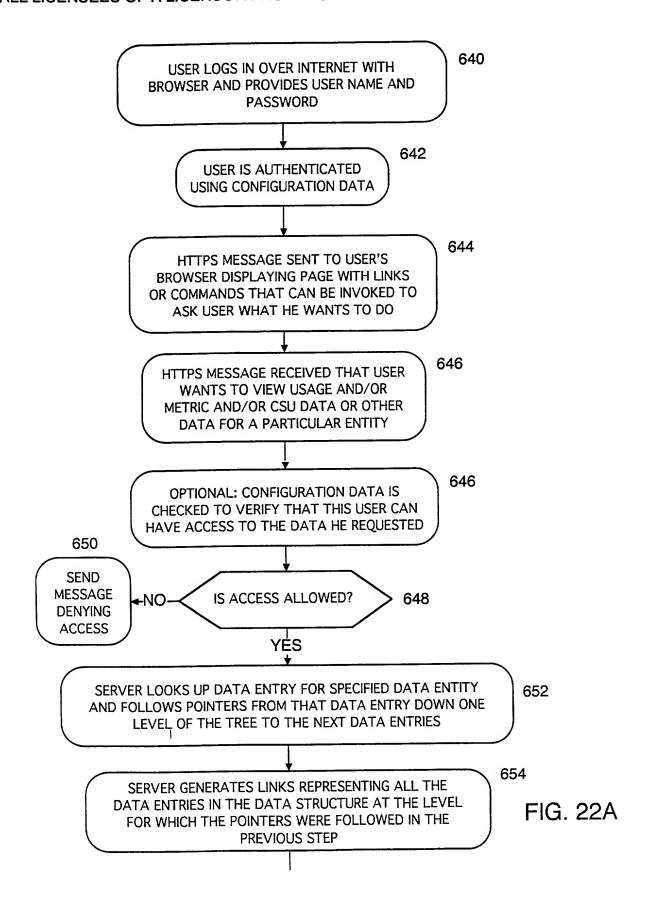
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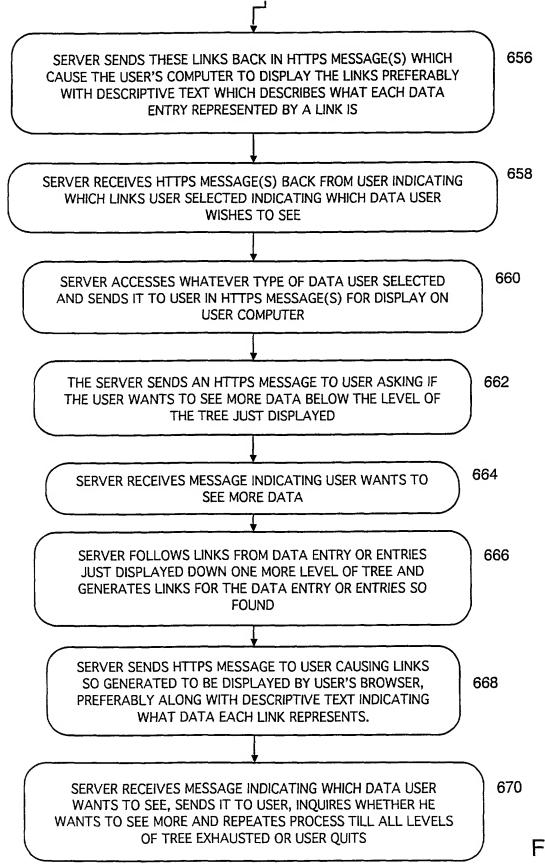


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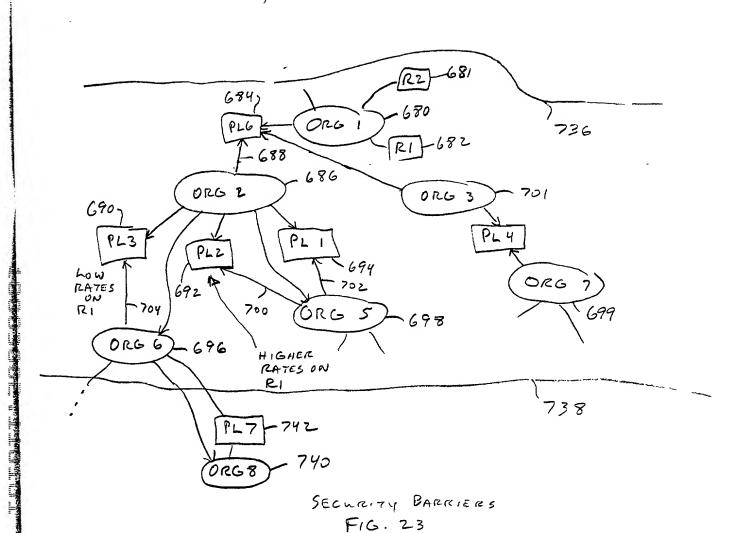
# PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER





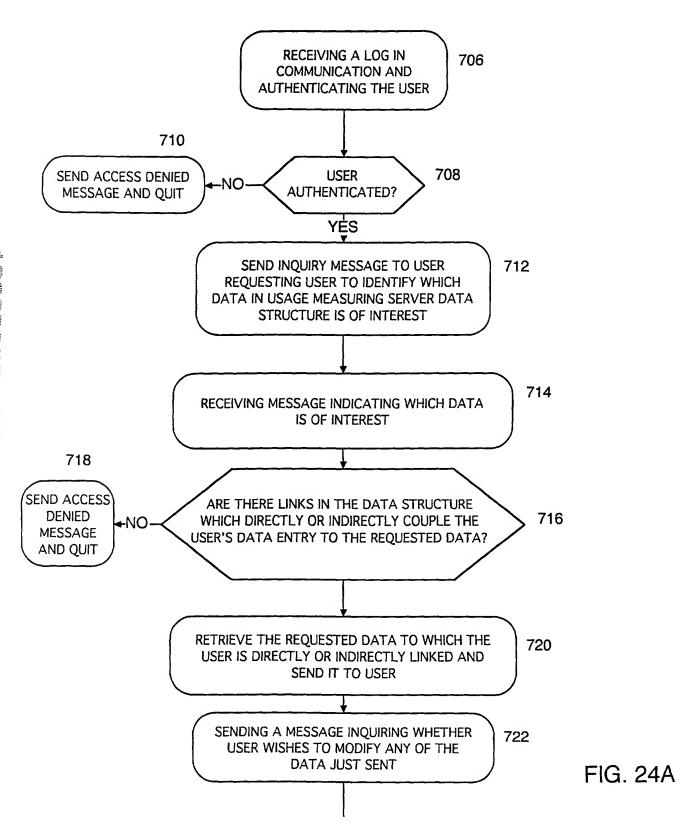
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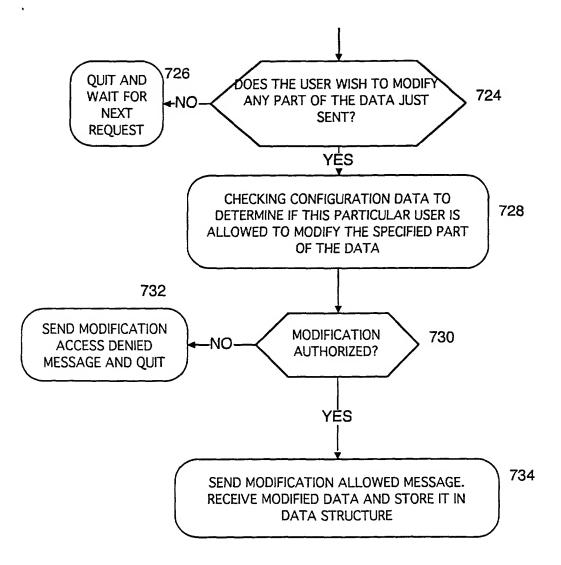
FIG. 22B



A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER IS NOT AUTHORIZED TO VIEW

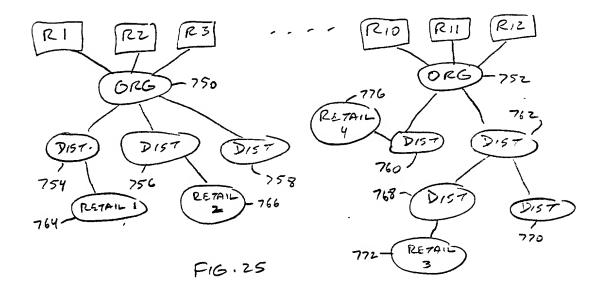
**V**.,

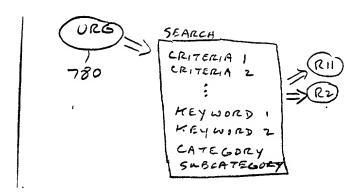




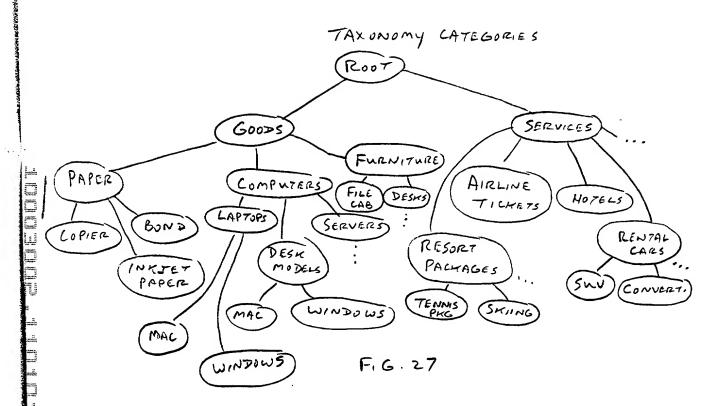
₹...

FIG. 24B





F16.26



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### SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

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